PTO/SB/01 (09-04)

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/			Attorney Docket	4	(ISIC0035-100)			
DECLARATION	FOR UTIL SIGN	IIY OR	Number First Named Inventor	Bryan A. Krayna				
PATENT A								
	R 1.63)	, N	CC	MPLETE IF KNOW	V N			
(37 C)	K 1.03)		Application Number	10/561,324				
Declaration Submitted OR		ted after Initial	Filing Date	12/20/2005				
With Initial Filing	(37 ČF	surcharge R 1.16 (e))	Art Unit	Not yet assigne	d			
	require	d)	Examiner Name	Not yet assigne	1			
I hereby declare that: Each inventor's residence, ma I believe the inventor(s) name which a patent is sought on th	d below to be t	he original and first			claimed and for			
DOUBLE STRANDED FOR USE IN GENE M	COMPOSI ODULATIO	TIONS COMP N	RISING A 3'-END	OO MODIFIED	STRAND			
		(Title of the	Invention)					
the specification of which		(**************************************						
is attached hereto								
OR			_					
was filed on (MM/DD/Y	YYY)	12/20/2005	as United States A	pplication Number	or PCT International			
Application Number		and was amended	on (MM/DD/YYYY)		(if applicable).			
I hereby state that I have revie	wed and under	stand the contents	of the above identified	specification, inclu	iding the claims, as			
amended by any amendment	specifically refe	erred to above.						
I acknowledge the duty to di continuation-in-part application	sclose informa	tion which is mater	ial to patentability as	defined in 37 CF	R 1.56, including for			
and the national or PCT intern	ational filing da	te of the continuation	n-in-part application.					
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below any PCT international application which designated at least one application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.								
Prior Foreign Application	II WIIICII PIIOIII	Foreign Filing	Date Prior	i	10 111 10			
Number(s)	Country	(MM/DD/YY)			ed Copy Attached? NO			
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.								

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERC
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DECLARATION - Utility or Design Patent Application Direct all The address OR Correspondence correspondence to: associated with 34138 address below Customer Number: Name Address City State ZIP Country Telephone Fax I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Brvan A. Kravnack Inventor's Signature Date Residence: City State Country Citizenship San Diego CA USA United States Mailing Address 4615 Pico Street #2 City State Zip Country San Diego CA 92109 USA NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Brenda F. Baker Inventor's Signature Date 01506 Residence: City State Country Citizenship Carlsbad CA USA United States Mailing Address 2927 Rancho Cortes City State Zin Country Carlsbad CA 92009 USA

PTO/SB/02A (09-04)

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ADDITIONAL INVENTOR(S)

DECLARATION		Supplement	al Sheet		e 2	of 2		
Name of Additional Joint Inventor, if ar	ıy:	A petition has been filed for this unsigned inventor						
Given Name (first and middle (if any	0)	Family Name or Surname						
Balkrishen		Bhat						
Inventor's Signature Ballin 46			Date	2/1	12006			
Carlsbad Residence: City	CA State		SA Country	India Citizen				
911 Rosemary Avenue				Olizer	ыпр			
Mailing Address								
Carisbad City	CA State		92009 Zip	USA Countr	~			
Name of Additional Joint Inventor, if an	y:	A petition	on has been filed for this					
Given Name (first and middle (if any	Family Name or Surname							
Eric E.		Swayze						
Inventor's Gn 6 8n	17			Date	1/31/	12004		
Carlsbad	CA		USA		United Stat			
Residence: City	State		Country	- 1	Citizensi			
7789 Palenque Street Mailing Address								
Carlsbad	CA		92009	USA				
City	State		Zip	Country				
Name of Additional Joint Inventor, if an	y:	A petitio	n has been filed for this	unsigned in	ventor			
Given Name (first and middle (if any))	ŀ	Family Name or Surname						
Richard H.	Griffey							
Inventor's Signature				Date				
/ista	CA		USA		Inited State	es		
Residence: City	State		Country		Citizensh			
60 Barsby Street								
Mailing Address								
fista	CA		92084	USA				
City	State		Zin	Country				

City
This collection of information is required by 35 U.S.C. 115 and 37 CPR 143. The information is required to that nor retain a benefit by the public which is to file found by the USPFO to process) an application. Confidentiality is governed by 35 U.S.C. 115 and 37 CPR 143 and 114. This collection is estimated to taxe of the use of the USPFO. The very preparage, and sudmitting the completed application from the USPFO. The very large depending used in individual cases. Any comments used to USPFO. The very large depending used in individual confidence, U.S. Patent and Trademark Office, U.S. Department of the Comments of the USPFO. The very Lord State Processing Confidence and Confidence (U.S. Department of the Confidence and USPFO. The very LORD SERVICE AND CONFIDENCE CO FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION		Attorney Docket Number	СН	EM0021USA (ISI					
DE:	SIGN		First Named Inve	ntor Bry	an A. Kraynack				
PATENT A	COMPLETE IF KNOWN								
(37 CF	R 1.63)		Application Numb	per 10/	561,324				
Declaration Submitted OR	Declara	ation ted after Initial	Filing Date	12/2	20/2005				
With Initial Filing	Filing (surcharge R 1.16 (e))	Art Unit	Not	yet assigned				
	require	d) "	Examiner Name	Not	yet assigned				
I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: DOUBLE STRANDED COMPOSITIONS COMPRISING A 3'-ENDO MODIFIED STRAND FOR USE IN GENE MODULATION									
		(Title of the	Invention)						
the specification of which		(
is attached hereto									
OR									
was filed on (MM/DD/Y	YYY)	12/20/2005	as United Stat	es Application	on Number or F	CT International			
Application Number		and was amended	d on (MM/DD/YYY	Y)		(if applicable).			
I hereby state that I have revie amended by any amendment	wed and under specifically refe	rstand the contents erred to above.	of the above iden	ified specific	eation, including	the claims, as			
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation—in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for or plant breeder's rights certificate(s), or any PCT international application having a filing date									
before that of the application of	before that of the application on which priority is claimed.								
Prior Foreign Application Number(s)	Country	Foreign Filing (MM/DD/YY)		Priority t Claimed	Certified (Copy Attached? NO			
Additional foreign app	olication number	ers are listed on a si							
			appromontal priori	y data silee	11 10/30/020	attached Hereto.			

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to:	The address associated with Customer Number:	34138			0	R		Correspondence address below		
Name										
Address										
City				State)				ZIP	
Country		Telephone		Fax					1	
I hereby declare that all sta and belief are believed to statements and the like so r false statements may jeopar	be true; and furth made are punishable	er that the by fine or	se state impriso	ement nmen	ts we	ere made wit both, under 1	th t 18 L	he kn	owledge that willful false	
NAME OF SOLE OR FIRST	INVENTOR:	T	T A ne	tition	has	heen filed for	this	unsin	ned inventor	
Given Name (first and middl	e [if any])				ition has been filed for this unsigned inventor Family Name or Surname					
Bryan A.		_			Kraynack					
Inventor's Signature A MM				2/10/0 h						
Residence: City	State			· ·				Citize	nship	
San Diego C&			USA United States					d States		
Mailing Address 4615 Pico Street #2										
City	State				Zip				Country	
San Diego	CA			92109				USA		
NAME OF SECOND INVEN	TOR:			l⊏	_ A	petition has t	bee	n filed	for this unsigned inventor	
Given Name (first and middl	e [if any])				Family Name or Surname					
Brenda F.					E	Baker				
Inventor's Signature									Date	
Residence: City	State	State			Country			Citizenship		
Carlsbad	CA	CA			USA Unite				d States	
Mailing Address 2927 Rancho Cortes										
City	State			Zip				Coun	try	
Carlsbad	CA			92009 USA						
Additional inventors or a lega	al representative are being	named on the	1s	upplem	ental s	heet(s) PTO/SB/	02A	or 02LR	attached hereto.	

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to re ond to a collection of information unless it ADDITIONAL INVENTOR(S) to a collection of in iless it contains a valid OMB control number DECLARATION Supplemental Sheet Page 2 of 2 Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Surname Balkrishen Rhat Inventor's Signature Date Carisbad CA 1184 Residence: City State Country Citizenship 911 Rosemary Avenue Mailing Address Carlsbad CA 92009 City State Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Sumame Eric E. Swayze Inventor's Signature Date Carlshad CA LISA United States Residence: City Country Citizenship 7789 Palenque Street Mailing Address Carlsbad CA 92009 1184 City Zip Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Surname Richard H. Griffey Inventor's Signature CA HEA United States Residence: City Country Citizenship 360 Barsby Street Mailing Address

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Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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City

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Attorney Docket CHEM0021USA (ISIC0035-100) DECLARATION FOR UTILITY OR Number First Named Inventor DESIGN Bryan A. Kraynack PATENT APPLICATION COMPLETE IE KNOWN (37 CFR 1.63) Application Number 10/561,324 Declaration Declaration Filing Date 12/20/2005 Submitted Submitted after Initial Art Unit With Initial Filing (surcharge Not yet assigned Filing (37 CFR 1.16 (e)) Examiner Name required) Not yet assigned I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: DOUBLE STRANDED COMPOSITIONS COMPRISING A 3'-ENDO MODIFIED STRAND FOR USE IN GENE MODULATION (Title of the Invention) the specification of which is attached hereto 101 was filed on (MM/DD/YYYY) 12/20/2005 as United States Application Number or PCT International Application Number and was amended on (MM/DD/YYYY) (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application Foreign Filing Date Priority Certified Copy Attached? Number(s) Country (MM/DD/YYYY) Not Claimed YES Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

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DECLARATION — Utility or Design Patent Application

correspondence to: ass	e address sociated with stomer Number:	34138				OR		Correspondence address below	
Name									
Address									
City			State					ZIP	
Country	Т	elephone				Fax			
and belief are believed to be statements and the like so made	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
NAME OF SOLE OR FIRST IN	VENTOR:	ПАр	etition	has b	een filed f	or this	unsiar	ned inventor	
Given Name (first and middle [if	any])				Family Na				
Bryan A.					Kraynack				
Inventor's Signature								Date	
Residence; City	State		Coun	try			Citizer	nship	
San Diego	CA		USA United					States	
Mailing Address 4615 Pico Street #2									
City	State			Zip				Country	
San Diego	CA		92109				USA		
NAME OF SECOND INVENTO	R:			A	petition ha	s beei	n filed f	or this unsigned inventor	
Given Name (first and middle [if	any])				amily Nar				
Brenda F.				Baker					
Inventor's Signature								Date	
Residence: City	State		Country				Citizenship		
Carlsbad	CA		USA				United	ed States	
Mailing Address 2927 Rancho Cortes									
City	State			Zip			Count	ry	
Carlsbad	CA			9200	9		USA		
Additional inventors or a legal rep	resentative are being r	named on the 1s	ıppleme	ntal sh	eet(s) PTO/S	SB/02A	or 02LR a	attached hereto.	

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DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet	Page 2	of 2	

Name of Additional Joint Inventor, if an	A petition has been filed for this unsigned inventor							
Given Name (first and middle (if any))	Family Name or Surname						
Balkrishen	Bhat							
Inventor's Signature						Date		
Carlsbad Residence: City	CA USA State Country			ntry	India Citizenship			
911 Rosemary Avenue								
Mailing Address								
Carlsbad City	CA State	92009 Zip			USA Country			
Name of Additional Joint Inventor, if an	y:	A pet	ition I	has been filed for this ur	nsigned	inventor		
Given Name (first and middle (if any)	Family Name or Surname							
Eric E.		Swayze						
Inventor's Signature					Date			
Carlsbad	CA			USA		United States		
Residence: City	State			Country		Citizenship		
7789 Palenque Street				•				
Mailing Address								
Carlsbad	CA			92009	USA			
City	State			Zip	Coun	try		
Name of Additional Joint Inventor, if an	y:	☐ A peti	ition h	nas been filed for this ur	signed	inventor		
Given Name (first and middle (if any))		Family Name or Surname						
Richard H.	Griffey							
Inventor's Pull H. G.					Date	1/27/04		
Vista	CA USA				United States			
Residence: City	State			Country		Citizenship		
360 Barsby Street								
Mailing Address								
Vista City	CA State			92084 Zip	USA Count	try		

This collection of information is required by 35 U.S.C. 115 mt 37 CFR 143. The information is required by 15 U.S.C. 115 mt 37 CFR 143. The information is required by 15 U.S.C. 115 mt 37 CFR 143. This information is required by 15 U.S.C. 115 mt 37 CFR 141 mt 141. This includes his exputed verified by 15 U.S. C. 12 at 31 V.S. CFR 141 mt 141. This includes his exputed by 15 U.S. C. 12 at 31 V.S. C. 12 mt 141. This includes his exputed by 15 U.S. C. 12 at 31 V.S. CFR 141 mt 141. This includes his exputed by 15 U.S. C. 12 at 31 V.S. CFR 141 mt 141. This includes his exputed by 15 U.S. C. 12 at 31 V.S. CFR 141 mt 141. This includes his exputed by 15 U.S. C. 12 at 31 V.S. CFR 141 mt 141. This includes his exputed by 15 U.S. C. 12 mt 141. This includes his exputed by 15 U.S. C. 12 mt 141. This includes his exputed by 15 U.S. C. 12 mt 141. This includes his exputed by 15 U.S. C. 12 mt 141. This includes his exputed by 15 U.S. C. 12 mt 141. This includes his exputed by 15 U.S. C. 12 mt 141. This includes his exputed by 15 U.S. C. 12 mt 141. This includes his exputed by 15 U.S. C. 12 mt 141. This includes his exputed by 15 U.S. C. 12 mt 141. This includes his exputed by 15 U.S. C. 12 mt 141. This includes his exputed his his exputed by 15 U.S. C. 12 mt 141. This includes his exputed his his exputed his e